

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer-implemented method for automatically configuring a translation code, the method comprising:

translating data within a server into a data format required by a client using the translation code, the data having a data object definition;

transmitting the translated data from the server to the client;

automatically detecting a change in the data format requested by the client during an exchange of data associated with the server between the server and the client;

modifying the data object definition within the server based on the changed data format;

~~transmitting a change of~~ receiving the changed data format from the client ~~[[to]]~~ at the server in a data object definition message comprising information about the modified data object definition; and

automatically adapting the translation code to the changed data format upon receipt of the data object definition message.

2. (Original) The computer-implemented method of claim 1, wherein the data object definition message is automatically transmitted from the client to the server upon change of the data format within the client.

3. (Original) The computer-implemented method of claim 2, wherein the translation code is adapted to the changed data format within a translation code generator upon receipt of the data object definition message.

4. (Original) The computer-implemented method of claim 2, wherein the translated data is transmitted from the server to the client using a standard object description language.

5. (Original) The computer-implemented method of claim 2, wherein the data object definition message is transmitted from the client to the server using a standard object description language.

6. (Original) The computer-implemented method of claim 2, wherein the data format required by the client is extracted and translated from the stored data by the translation code prior to sending the translated data from the server to the client.

7. (Original) The computer-implemented method of claim 2, wherein the translation code uses XSL for translating the data into said the data format required by the client.

8. (Original) The computer-implemented method of claim 2, wherein the server provides a data object definition message format.

9. (Original) The computer-implemented method of claim 2, further comprising the step of managing access to the server by the data object definition messages via an authorization management procedure.

10. (Original) The computer-implemented method of claim 2, further comprising the step of managing data formats of different clients via a version management procedure.

11. (Original) The computer-implemented method of claim 1, wherein, upon change of the data format, the server requests the data object definition message from the client and the client transmits the data object definition message upon request to the server.

12. (Canceled)

13. (Currently Amended) The computer-implemented method of claim [[12]] 1, wherein the ~~changes~~ change in the data format [[are]] is detected by version identification.

14. (Canceled)

15. (Original) The computer-implemented method of claim 11, wherein the translation code is adapted to the changed data format within a translation code generator upon reception of the data object definition message.

16. (Original) The computer-implemented method of claim 11, wherein the translated data is transmitted from the server to the client using a standard object description language.

17. (Original) The computer-implemented method of claim 11, wherein the data object definition message is transmitted from the client to the server using a standard object description language.

18. (Original) The computer-implemented method of claim 11, wherein the data required by the client is extracted and translated from the stored data by the translation code prior to sending the translated data from the server to the client.

19. (Original) The computer-implemented method of claim 11, wherein the translation code uses XSL for translating the data into the data format used by the client.

20. (Original) The computer-implemented method of claim 11, wherein the server provides a data object definition message format.

21. (Original) The computer-implemented method of claim 11, further comprising the step of managing access to the server by the data object definition messages via an authorization management procedure.

22. (Original) The computer-implemented method of claim 11, further comprising the step of managing data formats of different clients via a version management procedure.

23. (Currently Amended) A computer readable media embodying a program of instructions that, when executed by a computer, cause the computer to perform a method for automatically configuring a translation code, the method comprising:

translating data into a data format required by a client using ~~[[a]]~~ the translation

code within the server, the data having a data object definition;

transmitting the translated data from the server to the client;

automatically detecting a change in the data format requested by the client

during an exchange of data associated with the server between the server

and the client;

modifying the data object definition within the server based on the changed data

format;

~~transmitting a change of~~ receiving the changed data format from the client ~~[[to]]~~ at

the server ~~[[via]]~~ in a data object definition message comprising

information about the modified data object definition; and

automatically adapting the translation code to the changed data format upon the

~~server's reception~~ receipt of the data object definition message.

24. (Previously Presented) The computer readable media of claim 23, wherein the program further comprises instructions operable to cause the computer to automatically transmit the data object definition message from the client to the server upon change of the data format within the client.

25. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to adapt the translation code to the changed data format within a translation code generator upon reception of the data object definition message.

26. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to transmit the translated data from the server to the client using a standard object description language.

27. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to transmit the data object definition message from the client to the server using a standard object description language.

28. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to extract and translate the data required by the client from the stored data prior to sending the translated data from the server to the client.

29. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to use XSL in the translation code for translating the data into the data format used by the client.

30. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to provide, via the server, a data object definition message format.

31. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to

manage, via an authorization management process, access to the server by the data object definition messages.

32. (Previously Presented) The computer readable media of claim 24, wherein the program further comprises instructions operable to cause the computer to manage, via a version management procedure, data formats of different clients.

33. (Previously Presented) The computer readable media of claim 23, wherein the program further comprises instructions operable to cause the computer, upon change of the data format, to initiate a server request for the data object definition message from the client and to transmit the data object definition message upon request from the client to the server.

34. (Canceled)

35. (Previously Presented) The computer readable media of claim 34, wherein the program further comprises instructions operable to cause the computer to detect the changes in the data format by use of a version identification procedure.

36. (Canceled)

37. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to adapt the translation code to the changed data format within a translation code generator upon reception of the data object definition message.

38. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to transmit the translated data from the server to the client using a standard object description language.

39. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to transmit the data object definition message from the client to the server using a standard object description language.

40. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to extract and translate the data required by the client from the stored data, via a translation code procedure, prior to sending the translated data from the server to the client.

41. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to use XSL in the translation code for translating the data into the data format used by the client.

42. (Previously Presented) The computer readable media of claim 33, wherein the program further comprising instructions operable to cause the computer to provide, via the server, a data object definition message format.

43. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to manage, via an authorization management procedure, access to the server by the data object definition messages.

44. (Previously Presented) The computer readable media of claim 33, wherein the program further comprises instructions operable to cause the computer to manage, via a version management procedure, data formats of different clients.

45. (Currently Amended) A computer system for automatically configuring a translation code, the system comprising:

a translating means for translating data within a server into a data format required by a client based on the translation code, the data having a data object definition;

means for transmitting the translated data from the server to the client and receiving the change of data format with the data object definition message from the client by the server, the data object definition message comprising information about the modified data object definition;

a detecting means for automatically detecting a change in the data format requested by the client during an exchange of data associated with the server between the server and the client;

a modifying means for modifying the data object definition within the server based on the changed data format; and

a code generator, associated with ~~[[a]]~~ the server, that provides the translation code and which includes a subcomponent that adapts the translation code automatically to ~~[[a]]~~ the change of data format upon receipt of ~~[[a]]~~ the data object definition message; and
~~a translating means for translating data into a data format required by a client based on the translation code; and~~
~~means for transmitting the translated data and the change of data format with the data object definition message from the server to the client.~~

46. (Previously Presented) The system of claim 45, wherein the translating means extracts information required by the client from the data prior to sending the translated data from the server to the client.

47. (Previously Presented) The system of claim 45, further comprising a managing procedure that manages the data format of the data object definition message.

48. (Previously Presented) The system of claim 45, further comprising an access control procedure that controls access to the server by the data object definition messages.

49. (Canceled)